

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

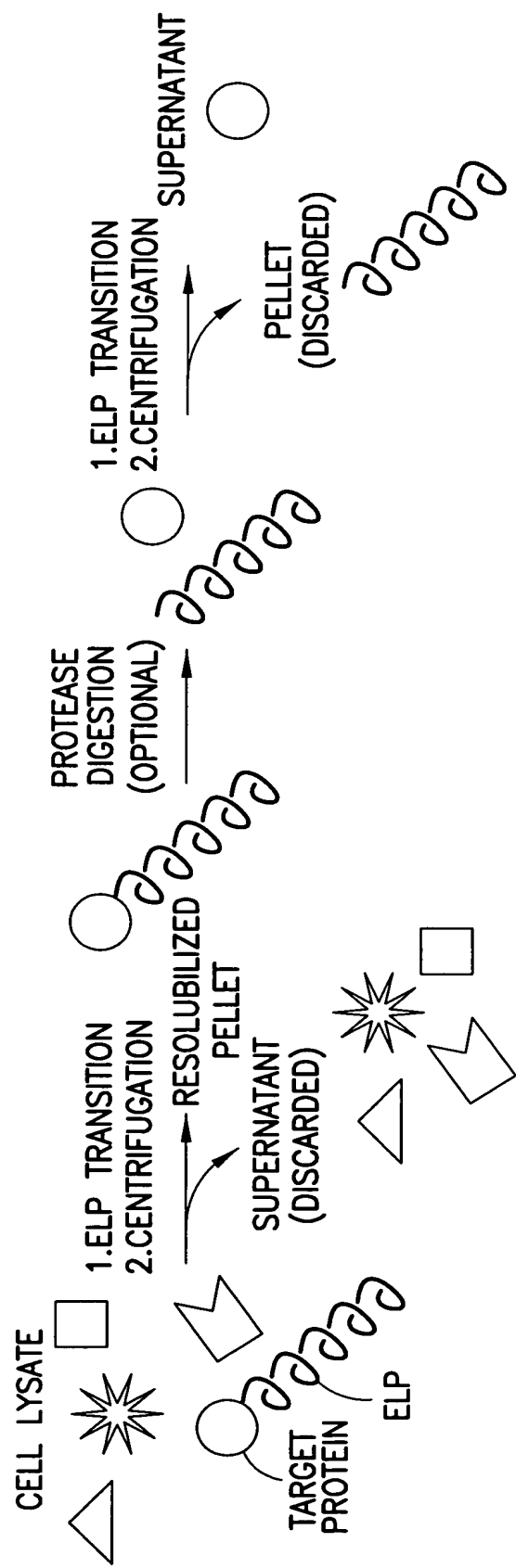
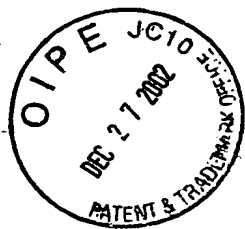


FIG.1



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O.G. FIG.		SUBCLASS
APPROVED	BY	CLASS
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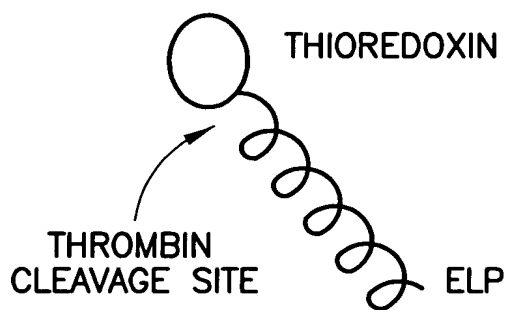


FIG.2

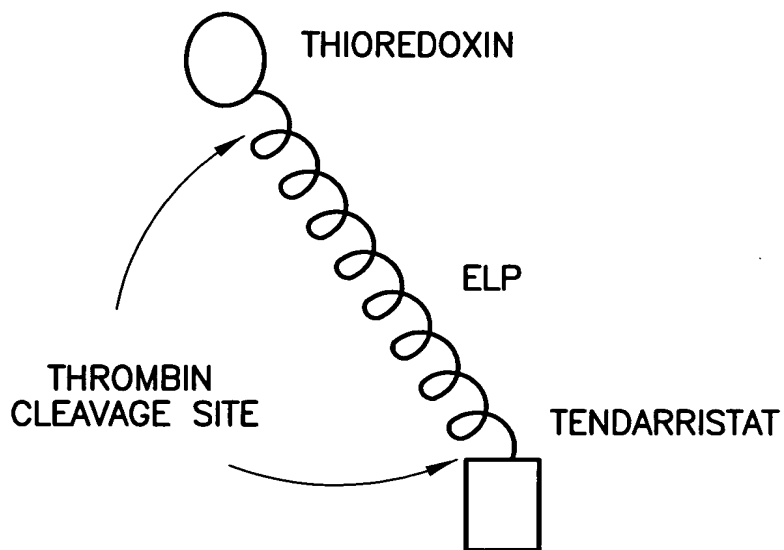
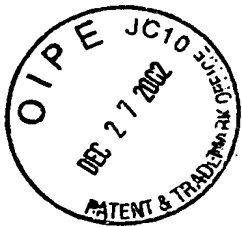


FIG.3



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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

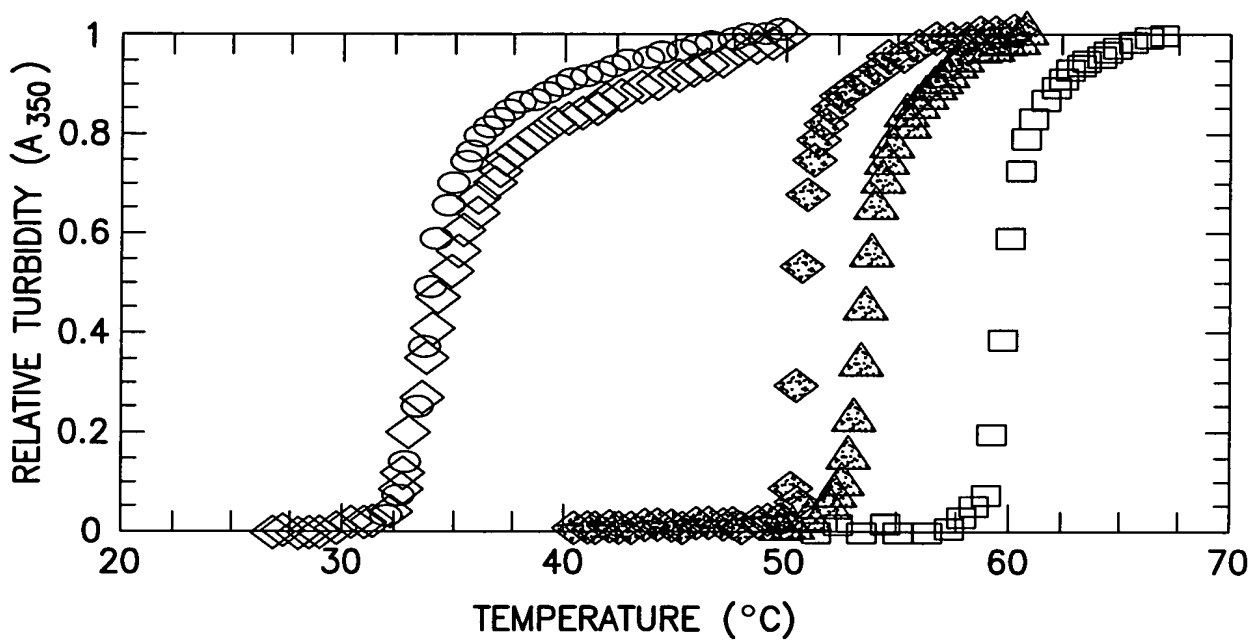
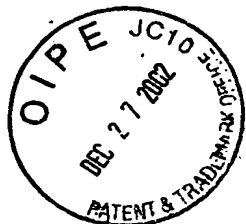


FIG.4



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APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	

$Y=M0+M1*x+...M8*x^8+M9*x^9$	
M0	116.21
M1	-1.7499
M2	0.010349
R	0.99793

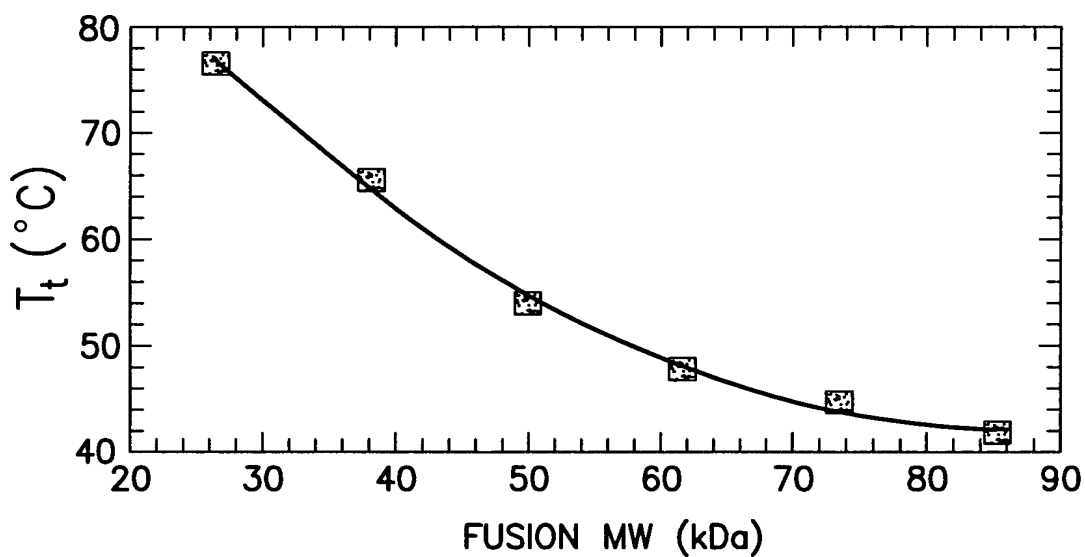
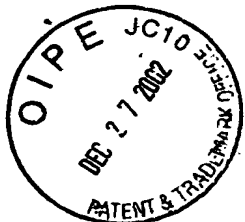


FIG.5



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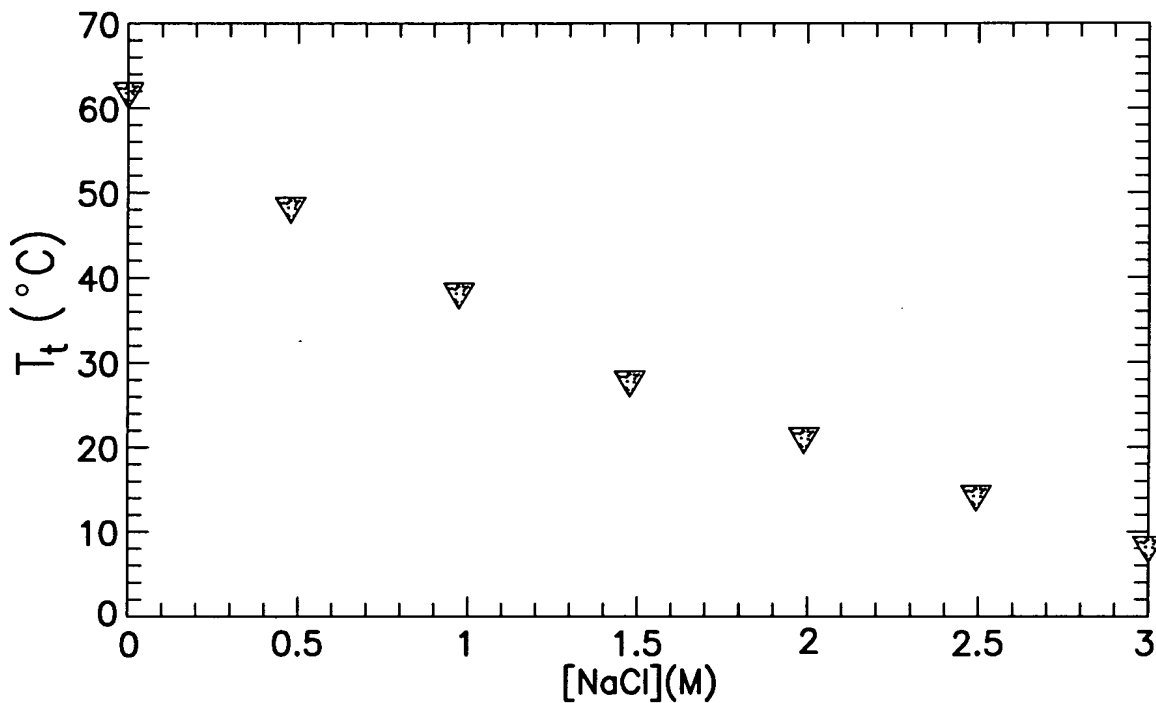


FIG.6

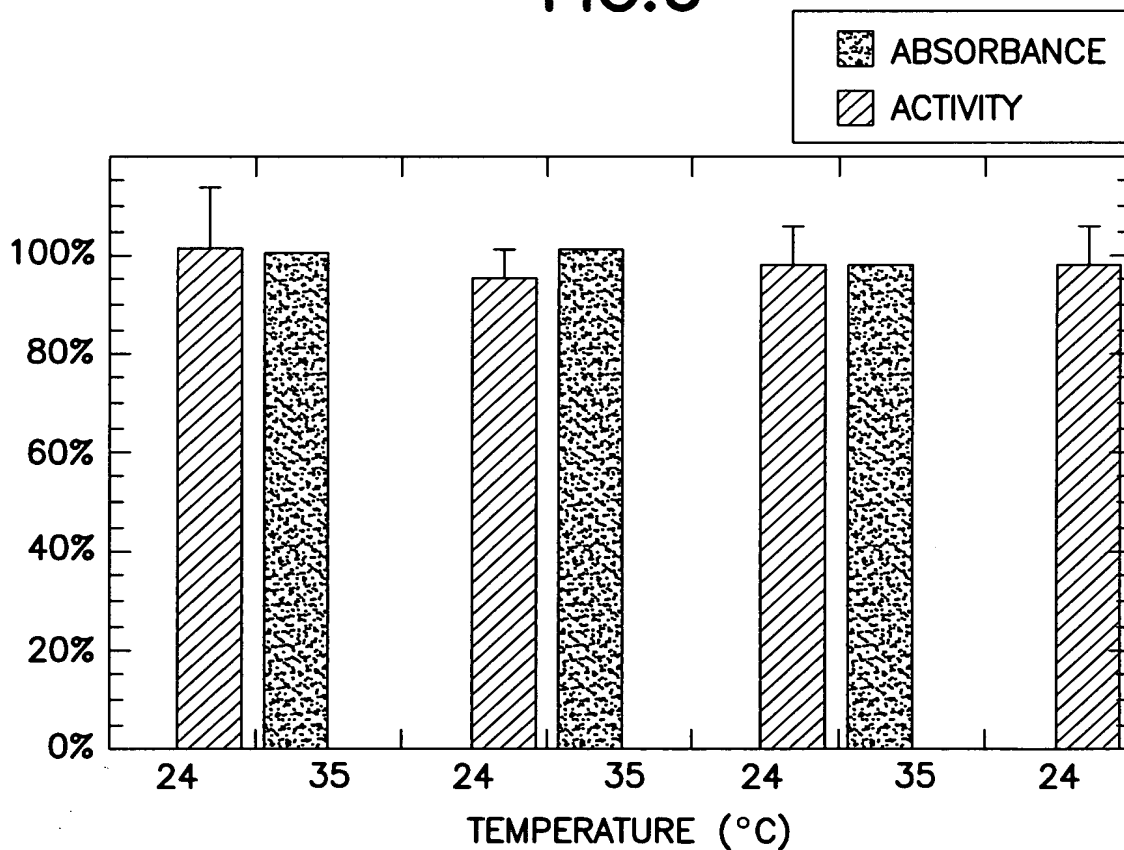
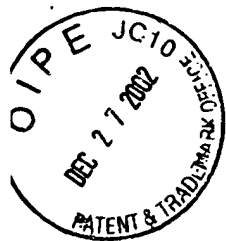


FIG.7

O.G. FIG.		SUBCLASS	
CLASS			
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CLASS	SUBCLASS
BY	CLASS
DATE	DATE

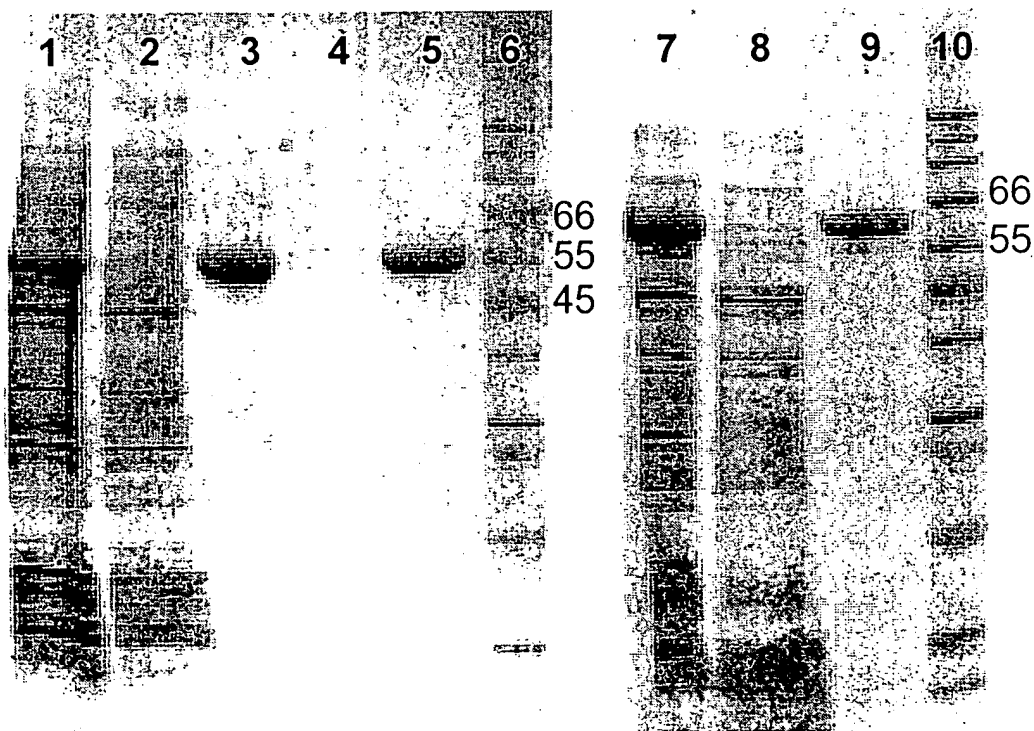
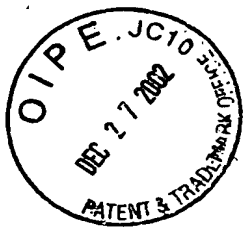


FIG.8



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APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

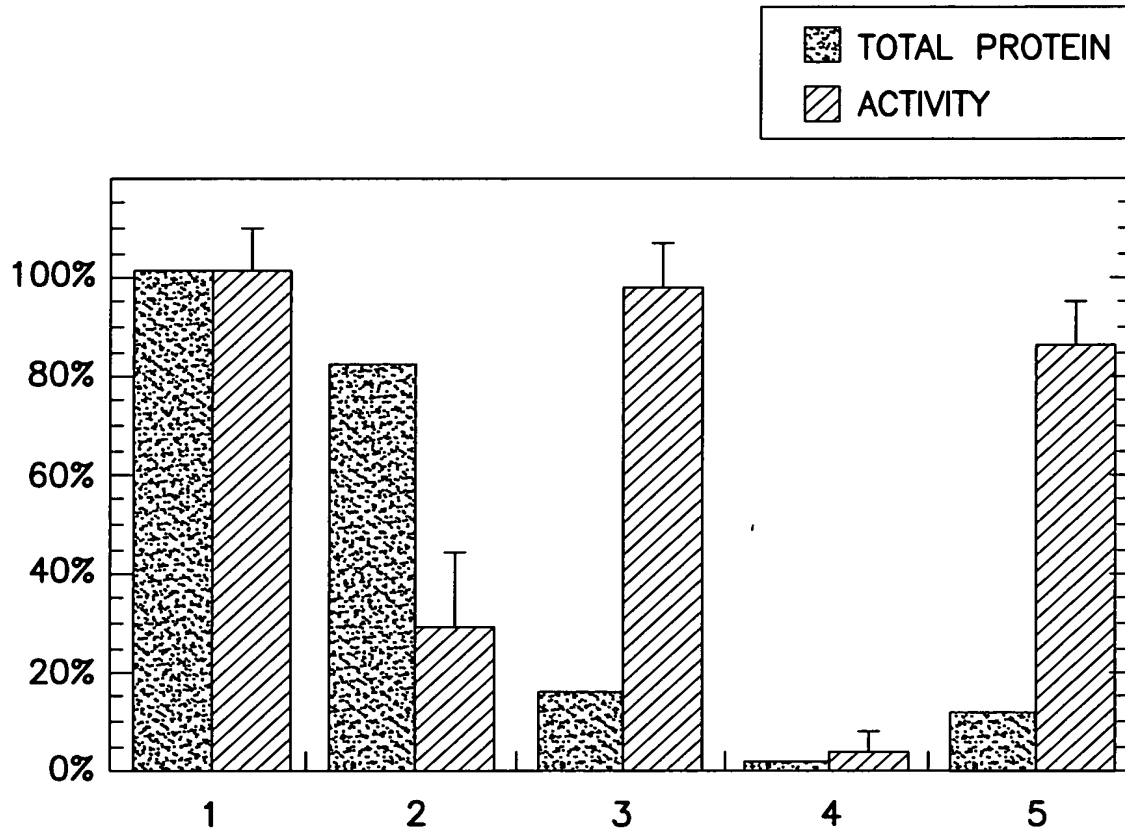
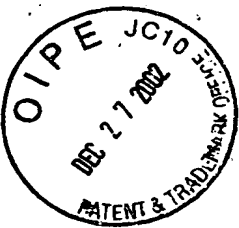


FIG.9



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

ELP GENE (10-mer BASE SEQUENCE)

|EcoR I

|PflM I

A ATT CAT ATG GGC CAC GGC GTG GGT GTT CCG GGC GTG GGT GTT CCG GGT GGC GGT GTG CCG GGC GCA GGT GTT  
V G V P G V G V P G G G V P G A G V

CCT GGT GTA GGT GTG CCG GGT GTT GGT GTG CCG GGT GTT GTA CCA GGT GGC GGT GTT CCG GGT GCA GGC  
P G V G V P G V G V P G V P G G V P G A G

|Bgl I

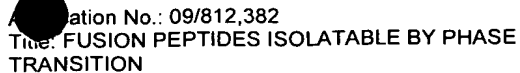
|Hind III

GTT CCG GGT GGC GGT GTG CCG GGC GGC CTG AAA TGA TA  
V P G G V P G

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FIG.10





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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# THIOREDOXIN-ELP FUSION

## Msc I

**THIOREDOXIN GENE**

— C CAT ATG CAC CAT CAT CAT TCT TCT GGT CTG GTG CCA CGC GGT TCT GGT AAA  
H M, H H H H H S S G L V P R | G S G K

Ava I

15

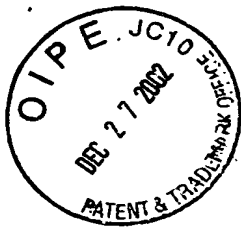
GGG CCG GGC TGG CCG TGA TAA C

GGPWPterter

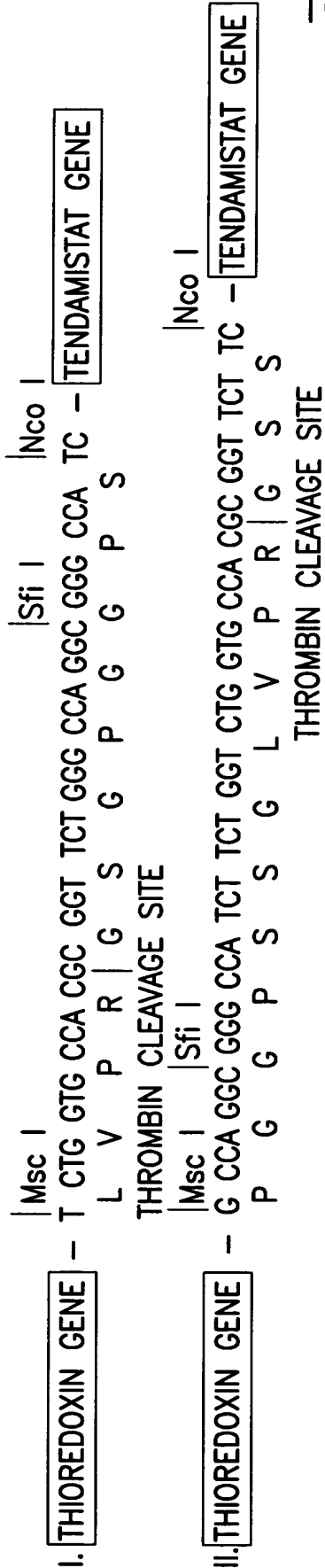
## THROMBIN CLEAVAGE SITE

**FIG. 11**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

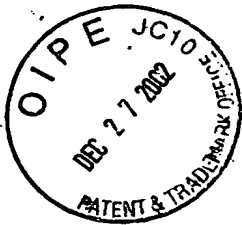


# THIOREDOXIN-ELP-TENDAMISTAT FUSION



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FIG.12



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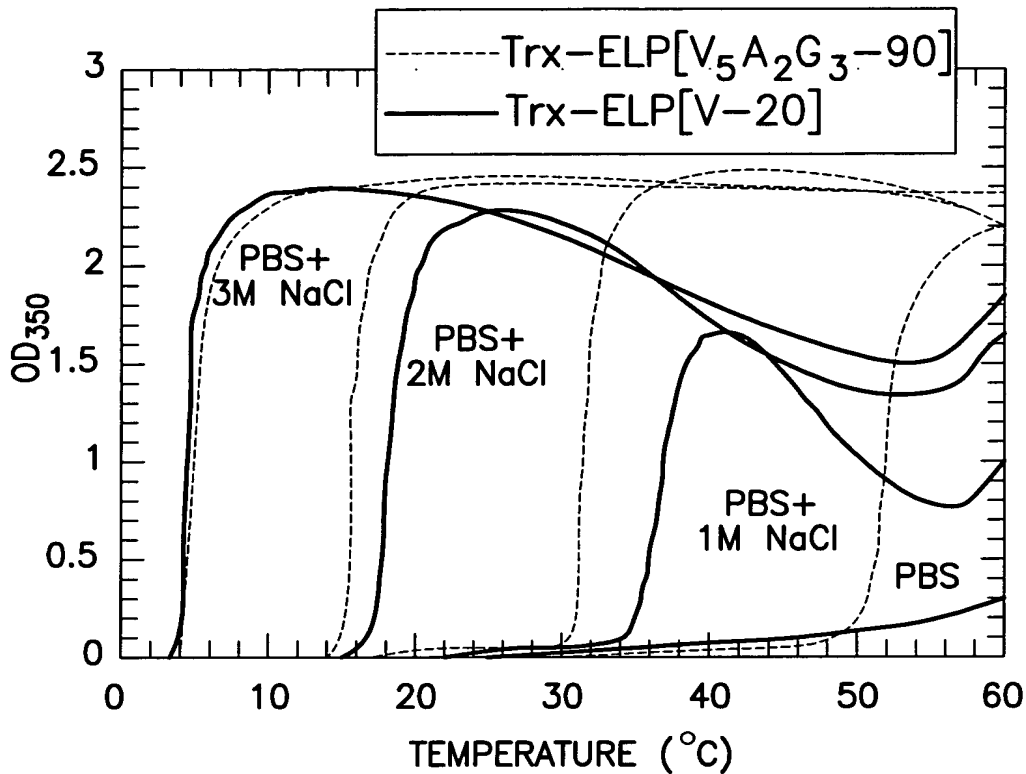


FIG.13

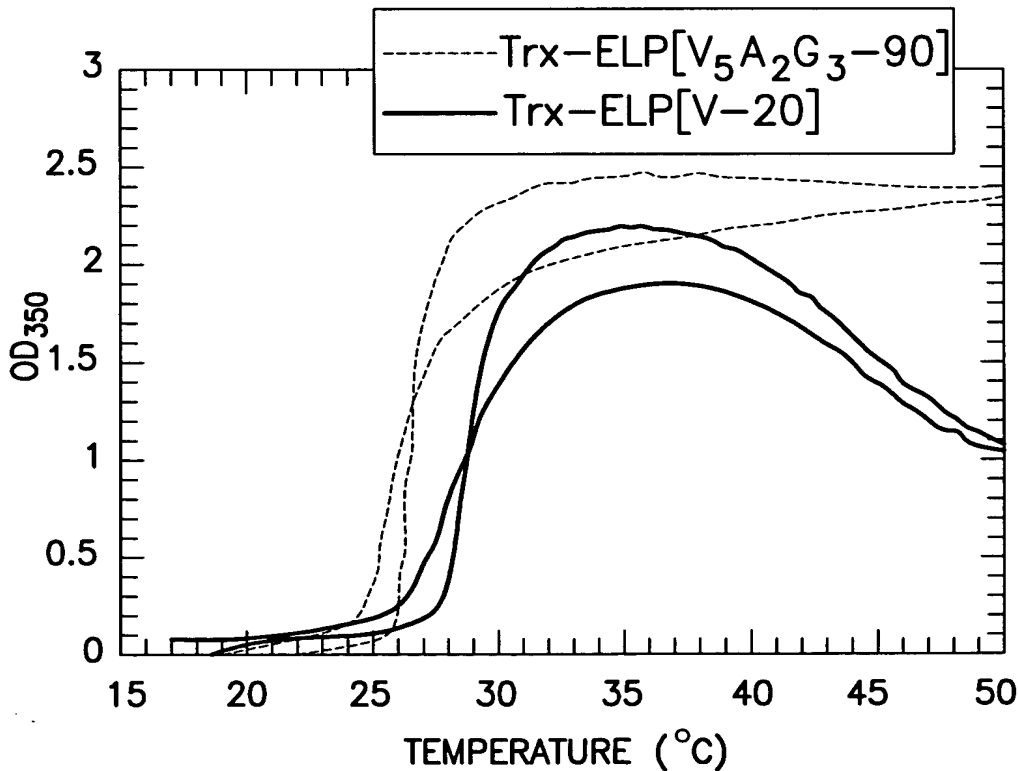
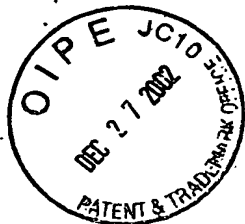


FIG.14



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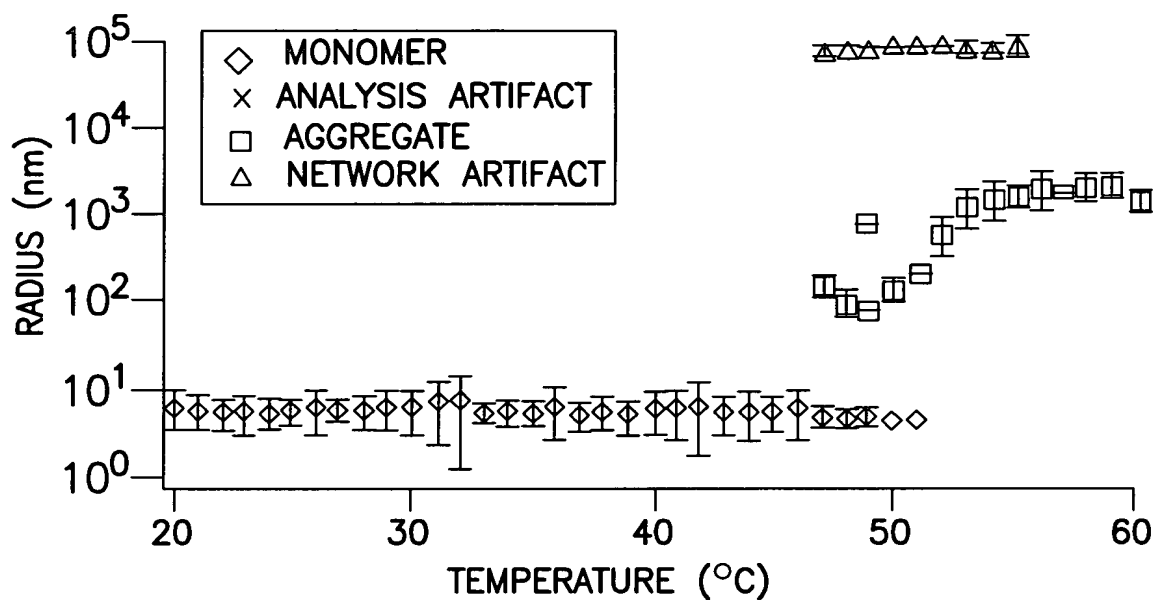


FIG.15

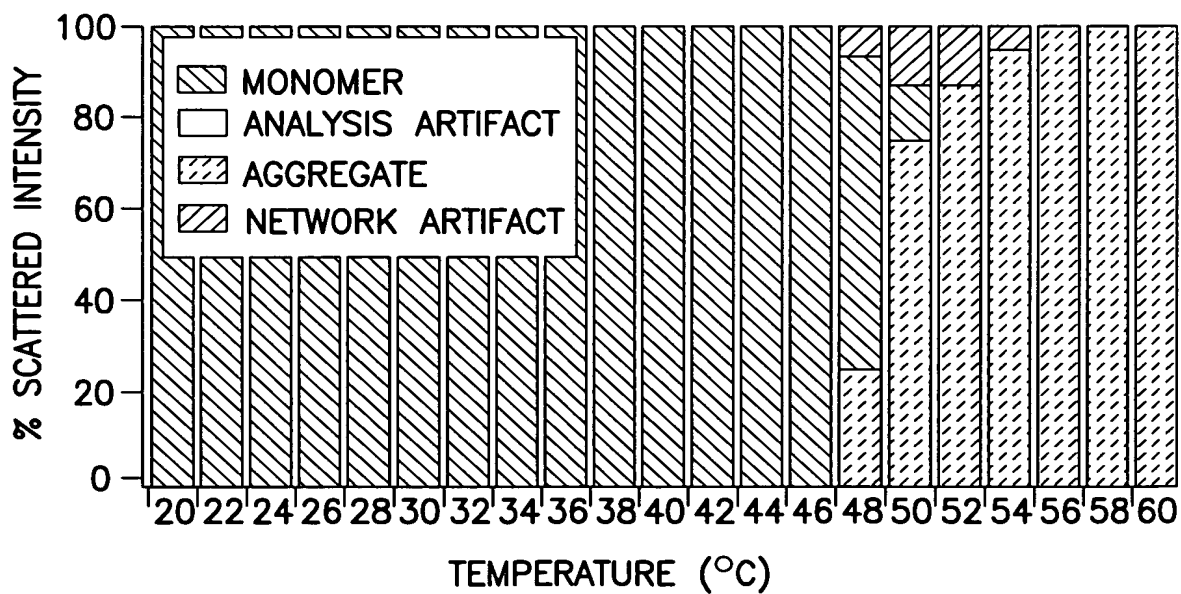
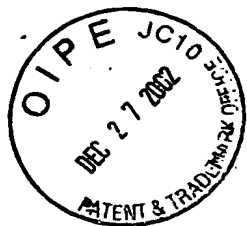


FIG.16



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APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	

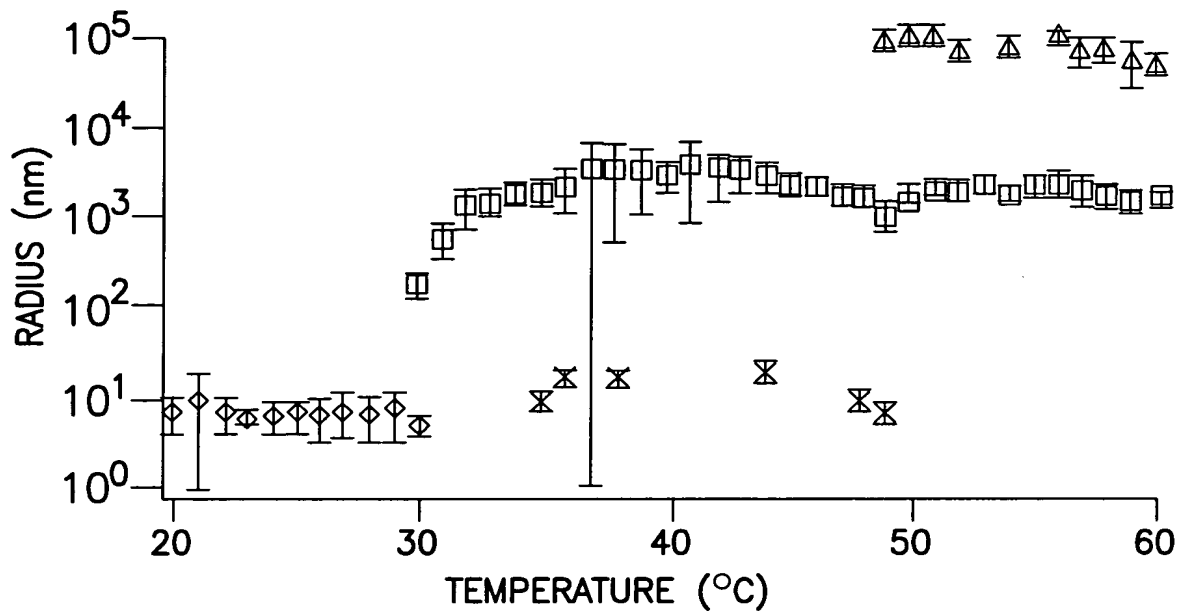


FIG.17

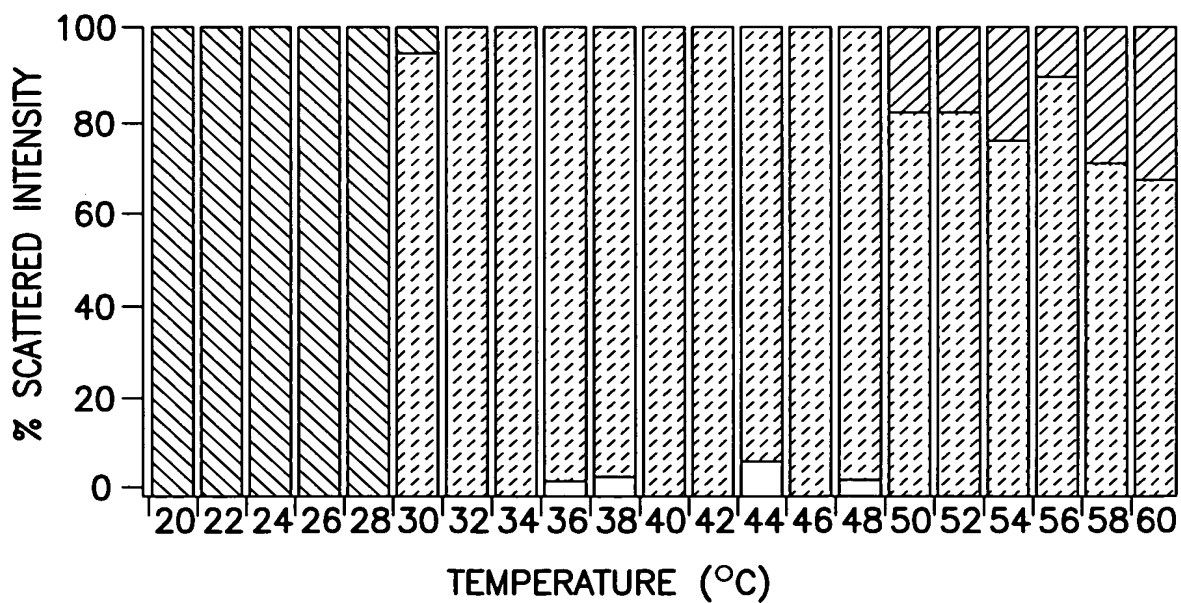
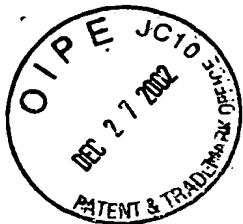


FIG.18



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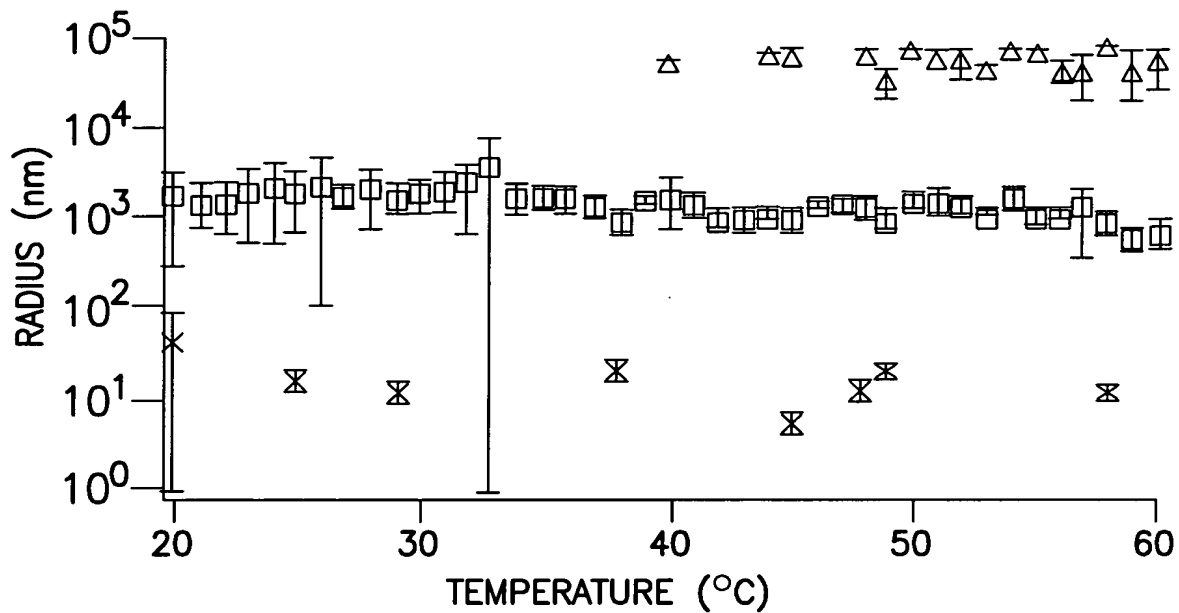


FIG.19

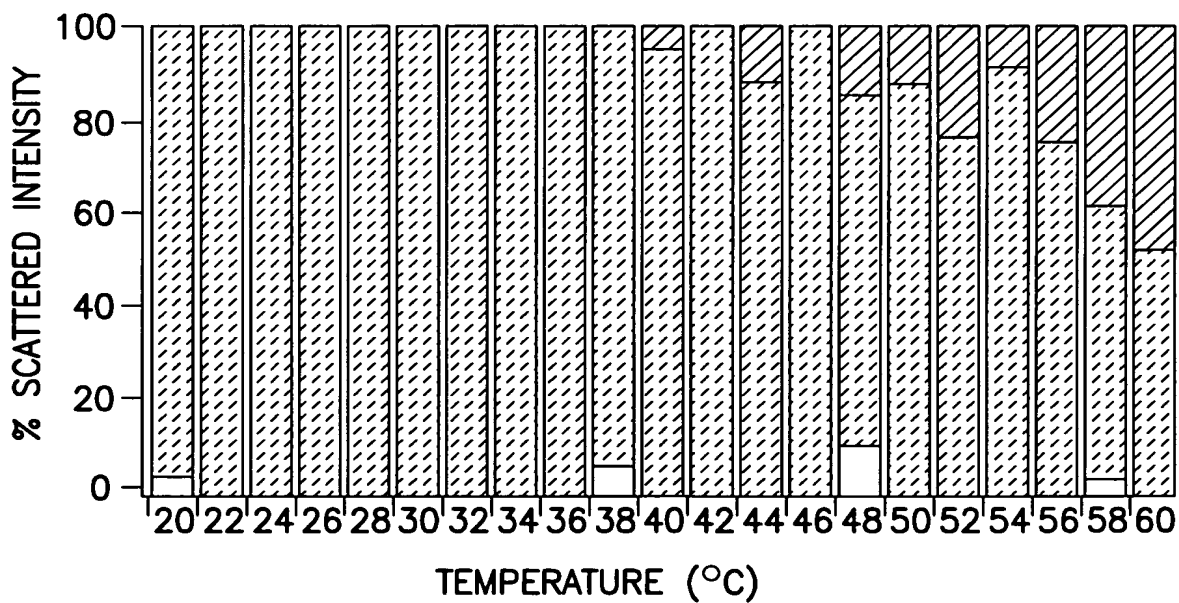
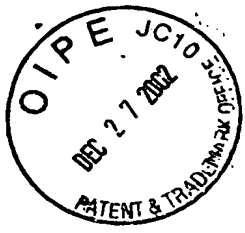


FIG.20



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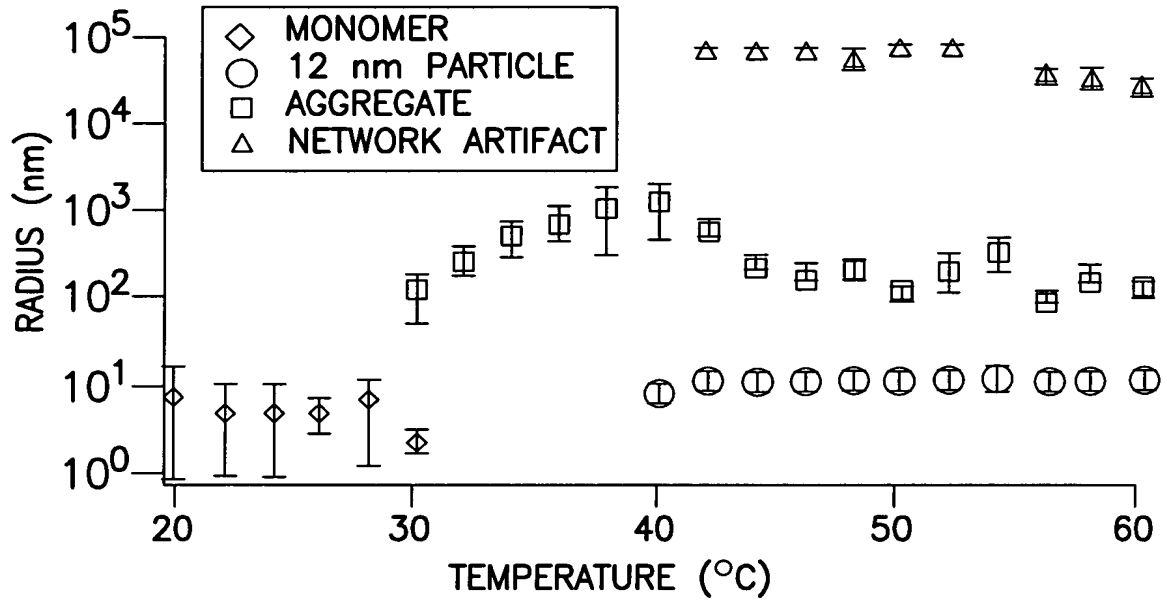


FIG.21

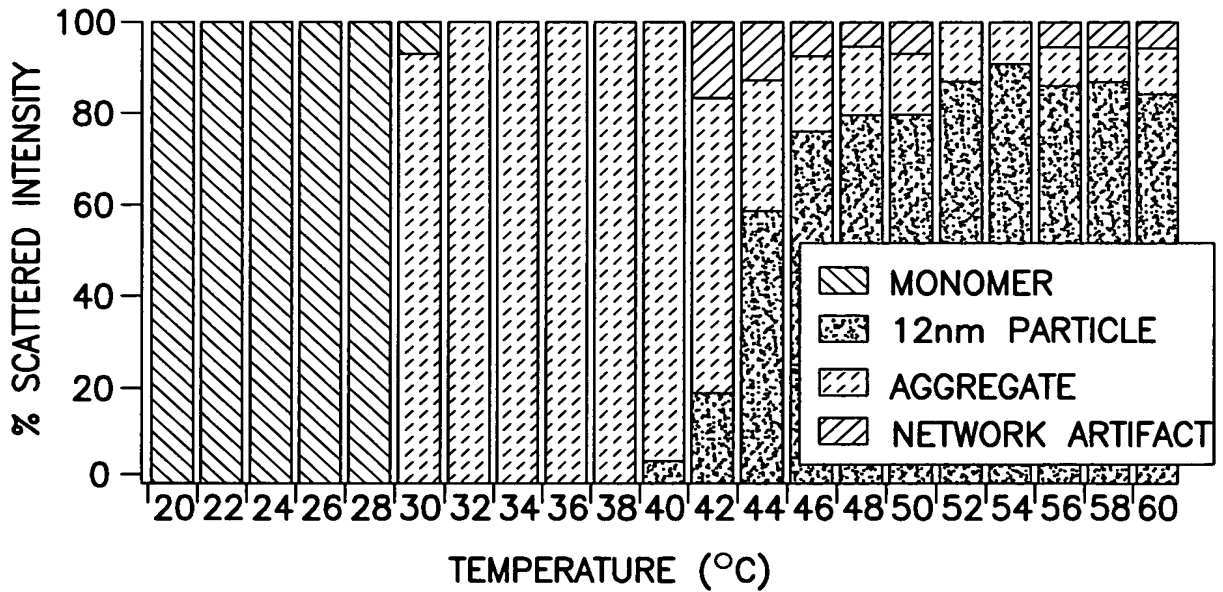
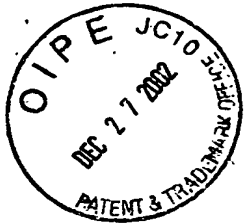


FIG.22



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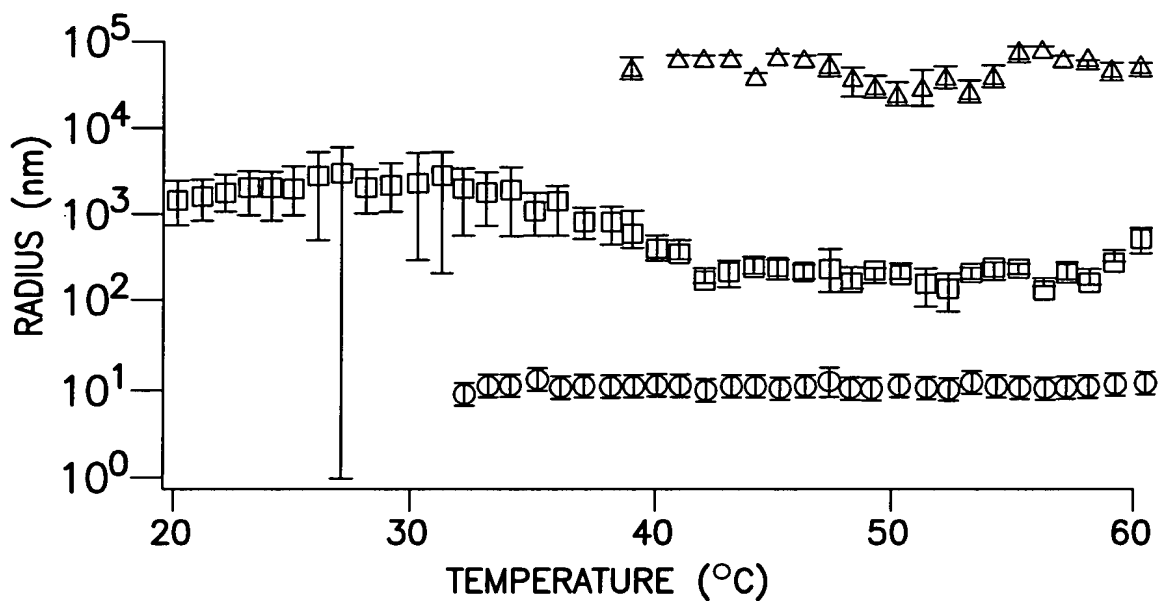


FIG.23

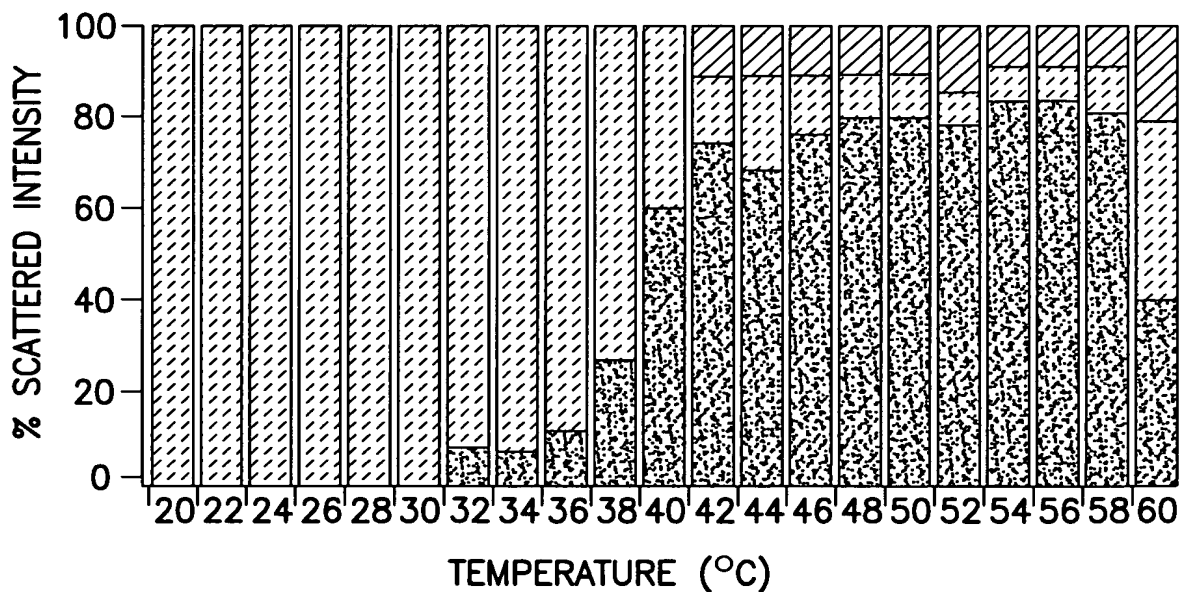
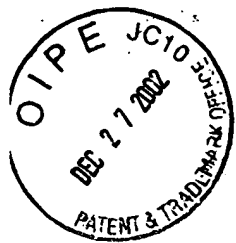


FIG.24





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APPROVED	0.3. FIG.
BY	CLASS
	SUBCLASS

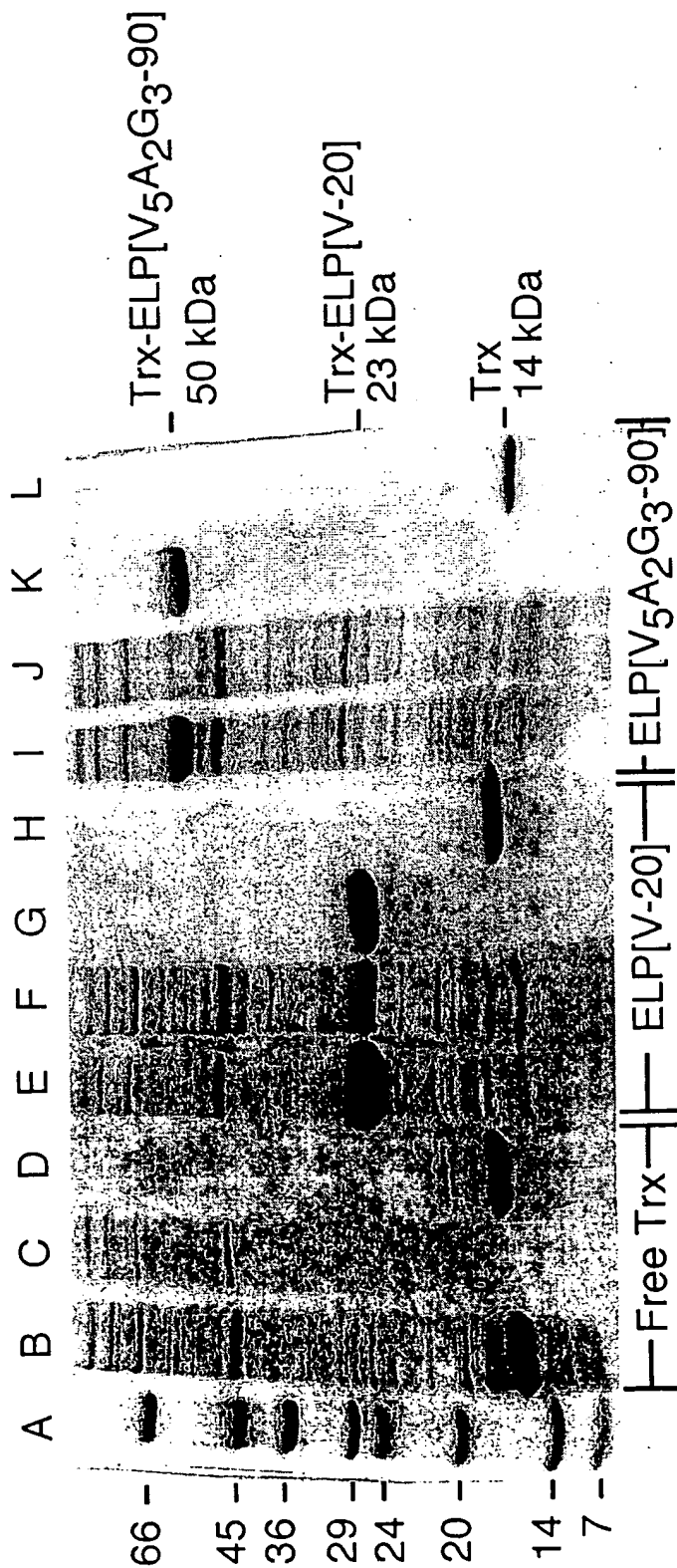
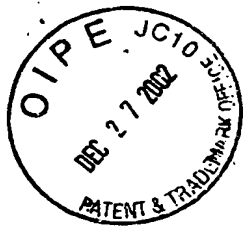


FIG.25



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APPROVED BY DRAFTSMAN	O.G. FIG.	SUBCLASS
	CLASS	

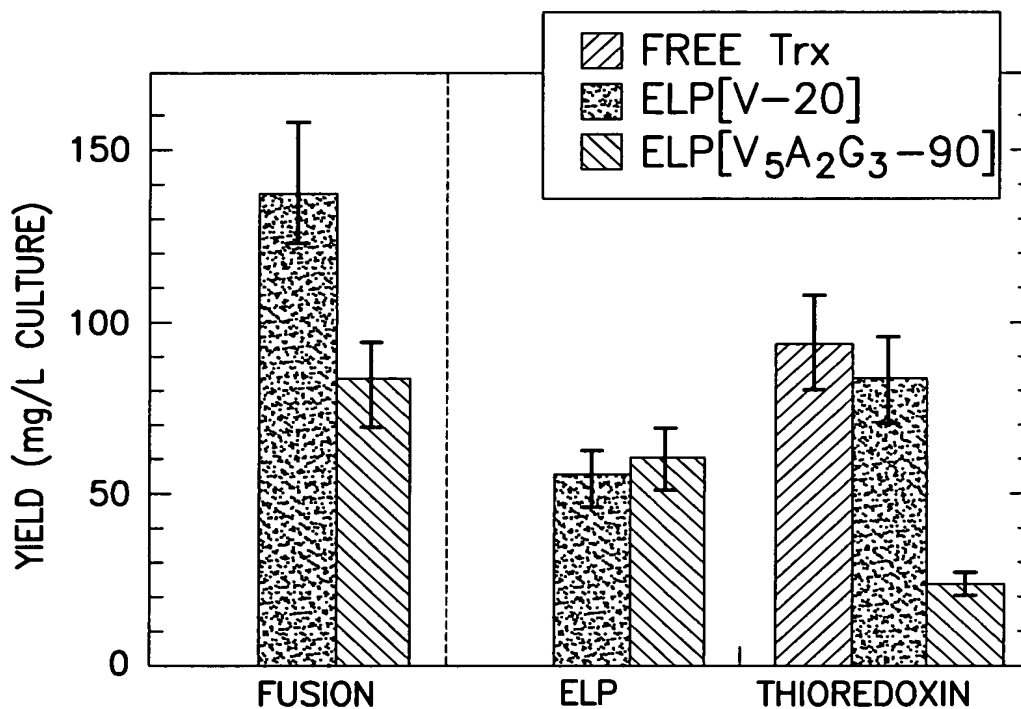
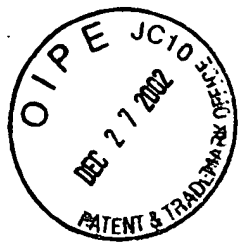


FIG.26



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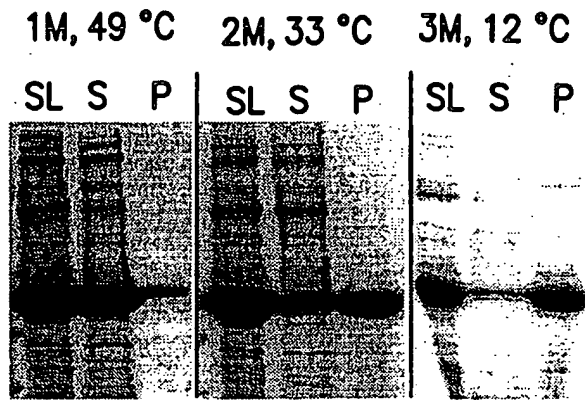


FIG.27

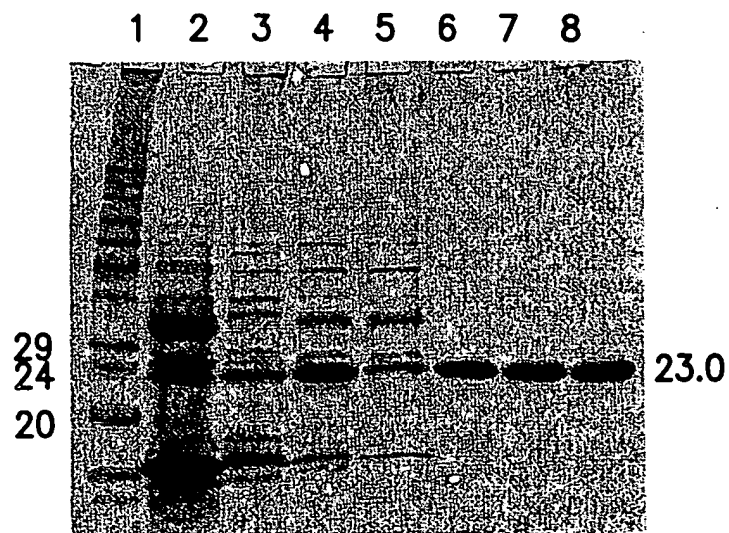
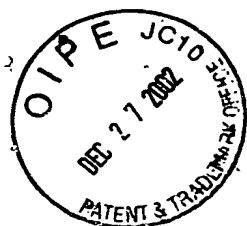


FIG.28



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

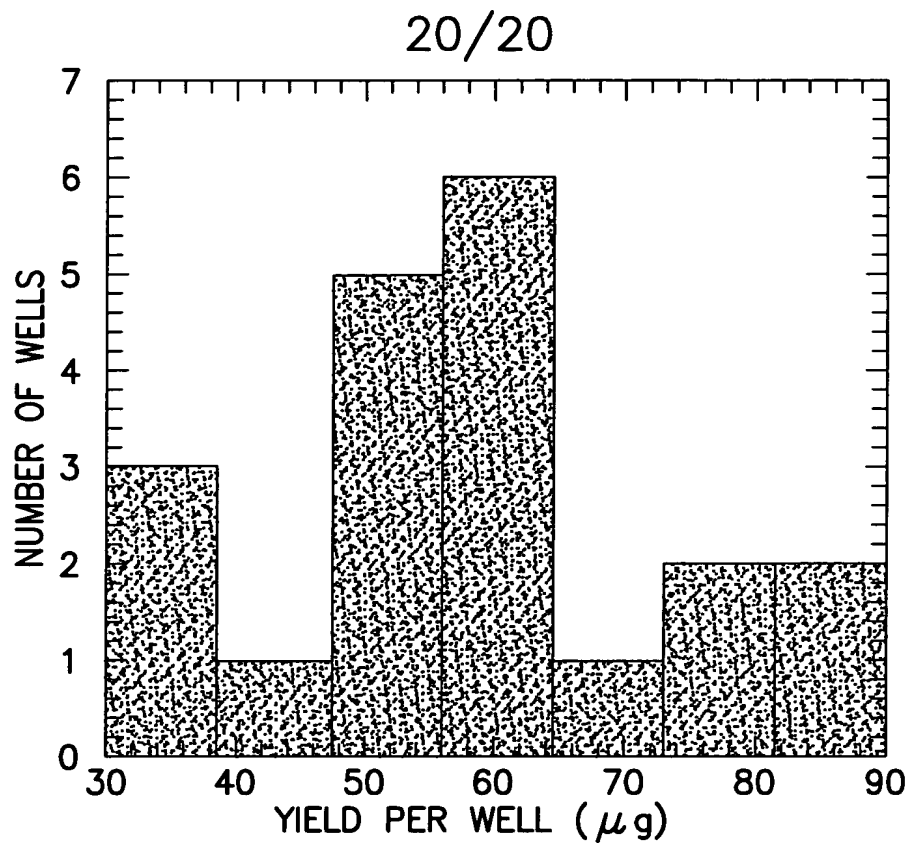


FIG.29

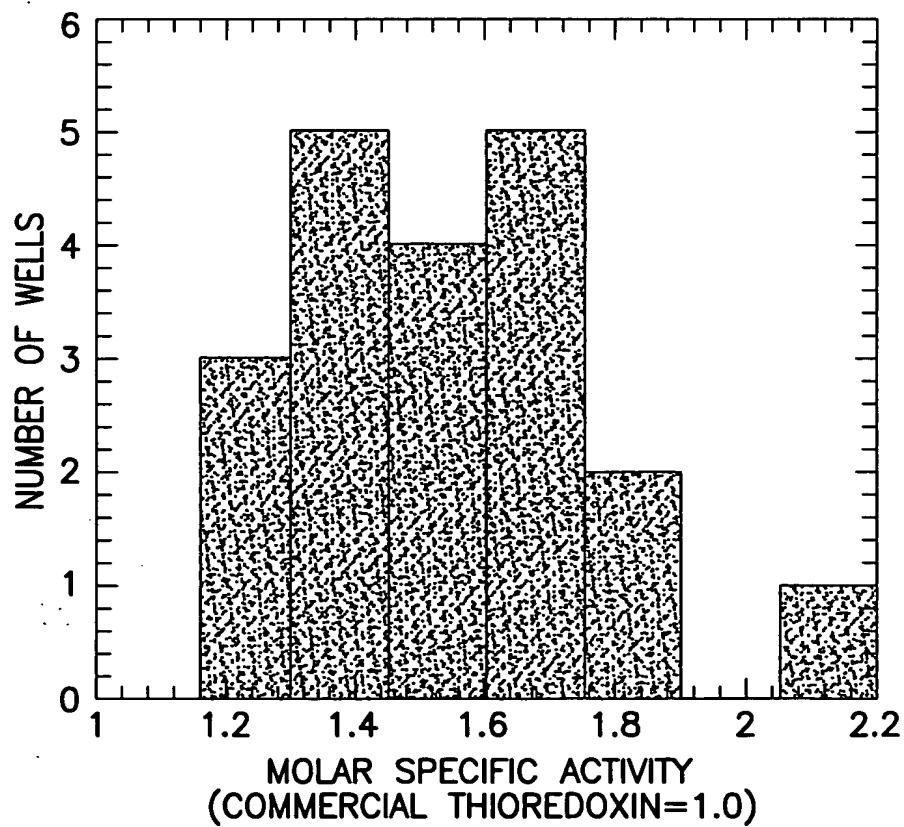


FIG.30